

Narrative Summary – August 2020

August 2020 was warmer than normal, averaging 77.7°F, 1.9° above normal (75.8°F). The hottest August (1967) averaged 81.5°F, while the coolest (1964) averaged 69.8°F. There were 23 days in August with maximum temperatures $\geq 90^{\circ}\text{F}$ compared to an August normal of 18 days. There have been 53 days this year with maximum temperatures $\geq 90^{\circ}\text{F}$ compared to a normal (through August) of 50 days. There were 3 days in August with maximum temperatures $\geq 100^{\circ}\text{F}$ compared to an August normal of 5 days. There have been 19 days this summer (June – August) with maximum temperatures $\geq 100^{\circ}\text{F}$ compared to a normal of 13 days. The following temperature record was established during August 2020:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
17	High Maximum	109	108	2008+
18	High Minimum	74	73	2016

Precipitation for August 2020 totaled 0.01 inches, 6% of normal (0.18 inches). The wettest August (2019) received 2.35". The driest August (1955 and 1988) received no precipitation. Total precipitation for 2020 (through August) is 2.63 inches, 63% of normal (4.19 inches).

The average wind speed for August 2020 was 9.0 miles per hour (mph), which was 1.0 mph above normal (8.0 mph). The windiest August (1996) averaged 9.5 mph, while the August with the lightest winds (1956) averaged 6.0 mph. The peak gust for August 2020 was from the south-southwest at 55 mph on August 16. The record wind gust for August was 66 mph in 1961.

The summer season of 2020 (June - August) was slightly warmer than normal, averaging 75.5°F, 1.3° above normal (74.2°F). The coolest summer (1980) averaged 70.2°F. The warmest summer (2015) averaged 79.4°F. The summer's highest maximum temperature was 109°F on August 17. The highest maximum temperature ever recorded at the Hanford Meteorology Station was 113°F (recorded on August 4, 1961, July 13, 2002, and July 23, 2006). Summer season precipitation for 2020 totaled 0.50 inches, 54% of normal (0.92 inch). The wettest summer (1950) received 2.99 inches. The driest (1973) received only 0.03 inch.

The monthly climatological data summaries, as well as other information, are available on the Internet. Address: <http://www.hanford.gov/page.cfm/hms>

For any inquiries contact:

HMS staff:

Phone: 373-2716

Email: Hanford.Weather.Station@rl.gov

or

Grant Gutierrez:

Phone: 376-5736

Email: Grant_E_Gutierrez@rl.gov

Note: The data in this summary pertain specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.